

MICHELE D'OSTUNI

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Profile

Architect, Ph.D. in architecture, has focused his research on strategic urban planning for circular cities together with the study of soilless cultivation systems for new models of Urban Agriculture. His doctoral thesis entitled "Towards a productive architecture: high-tech food production technologies integrated into architecture for the implementation of new models of urban agriculture" brings together topics related to sustainable buildings and district design together with the most pressing issues of current food production systems. The multidisciplinary nature of his research leads him to go beyond the confines of the faculty of architecture and work closely with the faculty of agriculture in Bologna (where he organizes the international UrbanFarm Student Challenge) and the department of Greenhouse Horticulture of Wageningen University and Research (where he studied as visiting Ph.D. student). The main topics of his research are connected both to urban regeneration and green building design, using advanced food production systems as a key element of constructive sustainability according to principles of the circular economy.

Since 2015 he has coached at the Faculty of Architecture in Florence in the courses of Environmental Design and the Taller of Architectural Technology. In relation to his research, he is president of the non-profit association BiodiverCity based in Bologna which deals with Urban Agriculture projects on a local scale. Currently, he is involved in a Post-doc research at the Department of Agricultural Sciences of the University of Bologna. Recently, he has been appointed as one of the top 10 best young Italian researchers by a scientific committee of more than 100 Italian researchers and professors in the framework of the GiovedìScienza award (<https://www.giovediscienza.it/it/premio-finalisti>).

Education

2017 - 2020	Doctorate (Doctor Europaeus) Università di Firenze, Facoltà di Architettura. Departement of Building Technologies Firenze, It HONORS Graduate
2019 - 2020	Visiting Ph.D student Wageningen University & Research. Department of Greenhouse Horticulture
2009 - 2016	Università di Firenze, Facoltà di Architettura_Corso di Laurea Magistrale a Ciclo Unico Firenze, It HONORS Graduate (110 magna cum laude)
Jun. - Aug. 2014	Green Building Solutions - School on Passive House Design TU Wien Wien, Au
2012 - 2013	Erasmus: Universidad de Sevilla_Escuela Tecnica Superior de Arquitectura Sevilla, Es

Spoken Languages

Italian	English	Spanish	French	Dutch
●●●●	●●●●	●●●○	●●○○	●○○○

Technical Skills



Professional Experiences

- Jun. 2021 - on course
- Freelance Architect**
Leading Architect for the renovation of a Renaissance Villa in Bagno a Ripoli, Florence
- Survey of the entire 1,000 m² Renaissance Villa
 - Landscape design of the 8 ha terrain
 - New floorplan design
 - Sustainability plan
 - Coordination of the engineering team
 - Construction manager
- Sep. 2021 - on course
- Università di Bologna. Department of Agricultural Sciences** _ Bologna, Italy
Postdoctorate Researcher
- Team leader for the HE-CL6-2022, now passed to the 2nd stage
 - Design of the masterplan for the Ex-SIAPA area in Bologna
 - Research on the design of sustainable Vertical Farms on the Italian territory
 - Organization of the 4th edition of the UrbanFarm Student Challenge
 - Participation to the WP6 of the EU funded project FoodE (grant agreement No 862663)
- Jan. 2017 - Jan. 2020
- +31Architects** _ Amsterdam, The Netherlands (<http://plus31architects.com>)
Associate - Project Architect
- Worked on Floating-House projects for private and public clients
 - Designed interiors and furniture detail drawings
 - Evaluation of costs having a direct working relationship with the cabinet makers
 - Direct relationship with the clients and experience on building site
- Jan. 2015 - Jan. 2017
- IGD Italian Innovation Green Design** _ Florence, Italy - Beijing, China
(<http://www.abitagreen.net>)
Partner - Project Developer
- Worked on the Bios_Showroom Project in Shanghai
 - Project manager of "KUNYU Touristic Village (Shandong)"
 - Member of "Yangcheng Lake Touristic Village (Suzhou)" team
 - Project design manager of "Solar Farm Eco Village" in Changsha (Hunan)
awarded by Shanghai New Energy Industry Association in "SNEC2017 Agricultural Photovoltaic Project Design and Engineering Competition"
- Oct. 2014 - Dec. 2014
- Departamento de Obras Publicas** _ Municipality of Isabela - Galapagos Islands, Ecuador (<http://www.gadisabela.gob.ec>)
Intern Architect
- Worked on Hotel plans cadastre digitalization
 - Designed the refurbishment of the Bar/Hotel "La Casa Rosada"
 - Worked on the preliminary project for the new labor union Auditorium

Teaching Experience

- AY 2023 - 2024
(First semester)
- Contracted Professor**
Course of Architettura degli interni - Controllo della qualità ambientale
Dipartimento di Architettura, Università di Bologna. Campus di Cesena
- Lessons preparation
 - Frontal lessons
 - Project revisions
 - Grading exams
- AY 2022 - 2023
(Second semester)
- Adjunct Lecturer**
Course of DESIGN DEL PRODOTTO with prof. Simone Paternich
ISIA, Firenze
- Lessons preparation
 - Frontal lessons
 - Project revisions

AY 2022 - 2023
(Second semester)

Contracted Professor

Course of PRODUZIONE EDILIZIA

Università Nostra Signora del Buon Consiglio, Tirana

- Lessons preparation
- Frontal lessons
- Project revisions
- Grading exams

AY 2021 - 2022
(First semester)

Lecturer

Course of LABORATORIO DI TECNOLOGIA DELL'ARCHITETTURA with prof. Leonardo Zaffi

Università degli Studi di Firenze

- Students practice coordinator
- Frontal lessons
- Project revisions with students
- Grading exams

AY 2020 - 2021
(First semester)

Lecturer

Course of LABORATORIO DI TECNOLOGIA DELL'ARCHITETTURA with prof. Leonardo Zaffi

Università degli Studi di Firenze

- Students practice coordinator
- Frontal lessons
- Project revisions with students
- Grading exams

AY 2019 - 2020
(First semester)

Lecturer

Course of LABORATORIO DI TECNOLOGIA DELL'ARCHITETTURA with prof. Leonardo Zaffi

Università degli Studi di Firenze

- Students practice coordinator
- Frontal lessons
- Project revisions with students
- Grading exams

AY 2018 - 2019
(First semester)

Lecturer

Course of LABORATORIO DI TECNOLOGIA DELL'ARCHITETTURA with prof. Leonardo Zaffi

Università degli Studi di Firenze

- Students practice coordinator
- Frontal lessons
- Project revisions with students
- Grading exams

AYs 2016 - 2018
(All year long)

Teaching Assistant of Prof. Marco Sala in the course of ENVIRONMENTAL DESIGN AND GREEN ARCHITECTURE_ Florence, Italy

University of Florence

- Coaching students in the practice activities
- Seminars & Frontal lessons

Teaching Experience - Seminars & Workshops

July, 19 2023

Seminar - Introduction to the concept of Urban Agriculture and how to integrate it in buildings

PoliMI Summer School

Politecnico di Milano

June, 14 2023	<p>Seminar - The role of vegetation in designing Green Buildings. Green roofs, green walls, and integrated food production in buildings Master SUARCH - Sustainable Architecture and Smart Cities <i>Università di Firenze & UIR Université Internationale de Rabat</i></p>
AY 2022 - 2023 AY 2021 - 2022 AY 2020 - 2021 (First semester)	<p>Seminar - Building-Integrated Agriculture (BIA) for Green Buildings Course of GREENHOUSE & VERTICAL FARMING SYSTEMS with prof. Francesco Orsini <i>Alma Mater - Università Bologna</i></p>
AY 2022 - 2023 AY 2021 - 2022 (Second semester)	<p>Workshop - Designing Vertical Farms or indoor cultivation systems for Urban Agriculture Course of SMART HORTICULTURE with prof. Francesco Orsini <i>Alma Mater - Università Bologna</i></p>
AY 2021 - 2022 (Second semester)	<p>Seminar - Urban Planning strategies for new agricultural solutions in cities Course of URBAN AGRICULTURE with prof. Giorgio P. Gianquinto <i>Alma Mater - Università Bologna</i></p>

Most recent Thesis & Ph.D. Supervision

May 2023 - TBD	<p>Vertical Farming in London <i>Master Thesis_Faculty of Architecture University of Florence</i> Supervisors: Claudio Piferi, Michele D'Ostuni Candidate 1: Giacomo Ricci</p>
May 2023 - Sep. 2023	<p>Progetto per la ristrutturazione e il recupero del vecchio Cementificio di Vaiano <i>Master Thesis_Faculty of Design, University of Florence</i> Supervisors: Stefano Follesa, Michele D'Ostuni Candidate 1: Giulia Antonelli</p>
Mar 2023 - Jul. 2023	<p>Healthy Homes. Rotterdam Eco-Village <i>Bachelor Thesis_Faculty of Architecture, University of Florence</i> Supervisors: Leonardo Zaffi, Michele D'Ostuni Candidate 1: Elena Agostini Candidate 2: Alessia Gueli</p>
from Sept. 2022	<p>The integration of agriculture in building: The predefinition of a design model through BIM <i>Ph.D. Thesis_Faculty of Architecture and Urbanism, Costantine 3 University</i> Supervisors: Ouassila Bendjaballah, Michele D'Ostuni Candidate: Yakouta Djamaa</p>
May 2022 - Mar. 2023	<p>Functional renovation of the area Ex-S.I.A.P.A. in Galliera, Bologna, IT <i>Master Thesis_Faculty of Architecture, University of Bologna</i> Supervisors: Andrea Boeri, Danila Longo, Michele D'Ostuni Candidate 1: David Gnoli Candidate 2: Gabriella Martini Candidate 3: Lorenzo Ercolani Candidate 4: Alberto Ercolani</p>
May - Sept. 2022	<p>Tra Architettura e Agricoltura. Proposta per un villaggio autosufficiente a Rotterdam, NL <i>Bachelor Thesis_Faculty of Architecture, University of Florence</i> Supervisors: Leonardo Zaffi, Michele D'Ostuni Candidates: Arianna Picci, Lorenzo Marconi</p>
Jan. - Jul. 2022	<p>URBAN LAYERS: micro progetti lungo il tracciato delle antiche mura di Firenze, IT <i>Master Thesis_Faculty of Architecture, University of Florence</i> Supervisors: Leonardo Zaffi, Michele D'Ostuni Candidate: Niccolò Gianni</p>

Organization of conferences and workshops

Sept. 2022	FoodE Net-Map Training Workshop for Stakeholders in WP6_Online , 8-9 Sept. 2022 Mapping and analysing CRFS (City Regional Food Systems) stakeholders, their roles and relationships.
Jun. 2022	Workshop: A New Policy Framework for the Development of Integrated Urban Agriculture (UA) Planning, presented during the New European Bauhaus Festival (NEB)_Bruxelles , 10-12 Jun. 2022 https://new-european-bauhaus-festival.eu/fair/nTx1KPPBs4rPs34FuoyvP
2021-2022	Urban Agriculture E-Dialogues webinars with FAO_ Online Series of webinars on commercial urban farming jointly organized by FAO and the European Bank for Reconstruction and Development (EBRD) https://site.unibo.it/rescue-ab/it/progetti/urban-agriculture-for-circular-cities
Oct. - Dec. 2021	Cycle of 10 Student Rendezvous in the framework of the UrbanFarm Student Challenge_ Online With the help of experts in the field, participants to the Challenge will learn about the latest innovations in urban agriculture and the environmental, economic and social potential of the sector https://site.unibo.it/urban-farm/en/student-rendezvous
Sept. 2019	Med Green Forum 5 (Meditarranean Green Buildings & Renewable Energy Forum)_ University of Florence, Faculty of Architecture . 3-5 Sept. 2022 Med Green Forum a World Renewable Energy Congress aimed at the International Community, under WREN & ABITA's networks. https://site.unibo.it/urban-farm/en/student-rendezvous https://www.facebook.com/medgreenforum/

Most recent participation to National and International conferences as invited speaker

16-19 Jan. 2024	VertiFarm2024, 3rd International Workshop on Vertical Farming _ Bologna, Italy <i>Palazzo Renzo, Bologna (IT)</i> <ul style="list-style-type: none">• Presentation Title: <i>Optimize design strategies for vertical farms integration in buildings</i>
15 June 2023	6th International Conference on Contemporary Affairs in Architecture and Urbanism (ICCAUA_2023) _ Istanbul, Turkey <i>Alanya University</i> <ul style="list-style-type: none">• Presentation Title: <i>Introducing Building Integrated Agriculture as Green Sustainable Building Concept in MENA Countries: Approach and Constraints</i>
11 June 2023	Summer school of Resilienze Festival_ Le Serre dei Giardini Margherita. Bologna, Italy <i>Kilowatt, Le Serre di Giardini Margherita</i> <ul style="list-style-type: none">• Presentation Title: <i>Il cibo non è neutrale</i>
28 March 2023	Smart Talks. Cicle of Conferences on Sustainable Architecture and Planning _ Bologna, Italy <i>University of Bologna, Faculty of Environmental Engineering</i> <ul style="list-style-type: none">• Presentation Title: <i>Green city. Agricoltura Urbana e sistemi di integrazione nel costruito</i>

- 8-10 Sept.. 2022
- XX INTERNATIONAL FORUM 'Le Vie dei Mercanti' WORLD HERITAGE and ECOLOGICAL TRANSITION** _ Napoli - Capri, Italy
Pegaso University, Napoli; Capri Congress Centre, Capri
- Presentation Title: *From horizontal to vertical. Advanced food production in urban areas through vertical farming projects*
- 14-16 Jul. 2022
- I Convegno Nazionale Orticoltura e Floricoltura - 1st National Conference on Floriculture & Horticulture** _ Pisa, Italy
University of Pisa
- Presentation Title: *Impatti e possibili sviluppi di un'agricoltura urbana integrata e sostenibile - Building-integrated Agriculture: impacts and future developments*
- 10 Jun. 2022
- New European Bauhaus, International workshop Session** _ Brussels, Belgium
De Brouckère Plein
- Presentation Title: *Urban Agriculture Upscaling. National and EU for urban food production*
- 26 May 2022
- Farming the City @NovelFarm** _ Pordenone, Italy
Pordenone Fiere
- Presentation Title: *Between Agriculture and Architectural Design. The experience of the "UrbanFarm Student Challenge 2022"*
- 24 May 2022
- XI Premio Nazionale GiovedìScienza** _ Torino, Italy
Collegio Carlo Alberto
- Presentation Title: *La città del futuro, fra Architettura e Agricoltura Urbana - Future Cities, between Architecture and Urban Agriculture*
- 14 May 2022
- Simposio nazionale sulla città produttiva. National symposium on farming the city, organized by Metropolitan City of Bologna** _ Bologna, Italy
Pordenone Fiere
- Presentation Title: *L'Agricoltura urbana come nuovo strumento per la pianificazione sostenibile delle città - Urban Agriculture as a tool for new urban planning strategies*
- 10 May 2022
- Smart Talks. Cicle of Conferences on Sustainable Architecture and Planning** _ Bologna, Italy
University of Bologna, Faculty of Environmental Engineering
- Presentation Title: *Green city. Corridoi ciclo-eco-ortivi e sistemi di coltivazioni integrate nel costruito - Green city. Green corridors and building-integrated agriculture*
- 15 - 18 Jul. 2021
- XIX INTERNATIONAL FORUM 'Le Vie dei Mercanti' WORLD HERITAGE and DESIGN FOR HEALTH** _ Napoli - Capri, Italy
Pegaso University, Napoli; Capri Congress Centre, Capri
- Presentation Title: *Nurturing cities: pathways towards a circular urban agriculture*
- 20 Mar. 2021
- Be part of the Change**_Online
Organized by the Italian NGO Change for Planet and the Municipality of Florence
- Presentation Title: *The role of urban planning in reaching SDG 11 goals*

Participation in Committees

- 2019 - 2023 **Organizers of International Student Competition: UrbanFarm Student Challenge (19-23)**_ Bologna, Italy
<https://site.unibo.it/urban-farm/en/the-challenge/urbanfarm-2022-1>
- Active participation in the Organizing Committee
 - Active participation in the Scientific Committee
- 2019 **Med Green Forum 5 (Mediterranean Green Buildings & Renewable Energy Forum)**_ Firenze, Italy
<https://www.facebook.com/medgreenforum/>
- Active participation in the Organizing Committee
 - Participation in the Scientific Committee to evaluate presented papers and posters

Editorial Activities

- 2023 - 2024 **Guest Editor** for Sustainability (MDPI)
Special Issue: Present and Future Perspectives of Landscape and Urban Horticulture as Urban Regeneration Practices
https://www.mdpi.com/journal/sustainability/special_issues/A8H8555Z86
- 2023 - on course Member of the **Editorial Board** and Scientific Committee of UnaPress (Urban Narration)
<https://urbannarration.net/>
- 2021 - 2022 Orsini, F., Frasnetti, E., **D'Ostuni, M.**, Zauli, I., Carotti, L., Picca, G., & Pennisi, G. (2022). **UrbanFarm2022. Building multi-disciplinary knowledge for urban green regeneration and sustainable food systems**_ Bologna, Italy
<http://doi.org/10.6092/unibo/amsacta/6892>
Printed by Ediagricole
- Member of the Editorial Board & Curator
- 2020 - 2021 Orsini, F., Frasnetti, E., **D'Ostuni, M.**, Tamburrini, A., & Pennisi, G. (2021). **UrbanFarm2021: Interdisciplinary knowledge for urban regeneration and sustainable food systems**_ Bologna, Italy
<http://doi.org/10.6092/unibo/amsacta/6707>
Printed by Ediagricole
- Member of the Editorial Board & Curator
- 2019 - 2020 Orsini, F., Pennisi, G., **D'Ostuni, M.**, Paoletti, M., Steffan, G., D'Alessandro, A., ... & Tamburrini, A. (2020). **UrbanFarm2020: Bridging interdisciplinary knowledge for sustainable urban landscapes**_ Bologna, Italy
<http://doi.org/10.6092/unibo/amsacta/6329>
Printed by Ediagricole
- Member of the Editorial Board & Curator
- 2019 - 2020 Orsini, F., Pennisi, G., **D'Ostuni, M.**, Paoletti, M., Steffan, G., Kratochvilova, D., & D'Alessandro, A. (2019). **UrbanFarm2019 Book Finale Challenge**_ Bologna, Italy
<http://doi.org/10.6092/unibo/amsacta/6094>
Printed by Ediagricole
- Member of the Editorial Board & Curator

Research Projects

Oct. 2019 - On course

FoodE: Food Systems in European Cities

H2020, Call: *H2020-SFS-2019-1. CE-SFS-24-2019 Innovative and citizen-driven food system approaches in cities*

<https://foode.eu>

- Role: Member of the Coordinating Team (University of Bologna)
- Current Role: **Reference person for WP6** - Upscalings; Drafting the Technical Reports of the FoodE Project

Diversity of European cities and regions creates barriers to the demonstration of systemic food-related innovative approaches valuable in so different contexts. Objective of FoodE is to accelerate the growth of citizen-led City/Region food systems (CRFS) by bringing local initiatives across Europe together, as well as co-developing and disseminating a range of tools - co-designed with academia, citizens, and food system start-ups - to ensure that the most up-to-date cross-sectorial knowledge is applied. This challenge will be tackled by setting a co-created mechanism, based on Citizen Science and Responsible Research and Innovation principles, where public authorities, citizens, business actors and non-profit organisations share ideas, tools, best practices and new models, supporting cities in becoming innovative food hubs. The outputs of FoodE will impact on job creation, promotion of local economy, strengthening the role of local communities in complying with Sustainable Development Goals, as well as identifying and strengthening relations between the different actors of the food chain.

Evaluation Result: 14.5 - Financed under the Grant Agreement 862663, coordinated by prof. Francesco Orsini from the Dept. of Agricultural and Food Sciences of University of Bologna

Jan. 2023 - Dec. 2025

BIZE_UrFarm: Building Integrated Zero Emission Urban Farming towards sustainable farmscape in Milan and Singapore

Bando di Grande Rilevanza - Singapore FoodTech

- Role: **Group coordinator** from University of Bologna & Member of the proposal writing team

The proposal aims to support the feasibility and dissemination of sustainable food production strategies (carbon neutral and cost-effective urban farming system) in urban areas by specifically investigating the production capacities associated with new/existing buildings in two specific cities: Singapore (SG) and the metropolitan area of Milan (MI). In Singapore, the priority is to ensure food security with a sustainable farming system. In Milan, there is a need to improve the energy performance of existing buildings in changing seasons and their adaptive capacity towards climate change. The Singapore Team has successfully synthesized Lanthanides based nanoparticles which has been proven to be capable of absorbing long infra-red radiation (heat wave) and convert it to visible emission of red and blue. This innovation, used as coating material, represents an important opportunity to increase the production capacity of Building Integrated Agriculture (BIA).

Evaluation Result: Financed by MAECI (Ministero degli Affari Esteri e della Cooperazione Internazionale)

Feb. 2022 - Feb. 2024

Urban Linneo

Bando Sibiosi promoted by Fondazione Intesa San Paolo

- Role: **Group coordinator** from University of Bologna

Retrofitting project concerning "Le Serre Antiche" in Genova. The objective of the project is to develop and disseminate the culture of Urban Agriculture in Genova through urban regeneration. All the old abandoned greenhouses, located in a pitoresque location in Genova, will be refurbished and use to create a simplified hydroponic system that will be used and enjoyed by the local community.

Evaluation Result: Financed by Fondazione Intesa San Paolo

Oct. 2021 - Nov. 2022

GreenME: advancing Greencare in Europe: an integrated multi-scalar approach for the expansion of nature-based therapies to improve Mental health Equity

HE, Call: *HORIZON-CL6-2022-COMMUNITIES-02-two-stage - Resilient, inclusive, healthy and green rural, coastal and urban communities*

- Role: **Group coordinator** from University of Bologna; Member of the proposal **Writing Team**

One in nine adults in the EU suffers from a mental health disorder, a burden which has been exacerbated by the Covid-19 pandemic, prompting the inclusion of mental health as one of the five strands of the EU non-communicable diseases initiative. The financial costs of mental health problems extend to over 4% of GDP across the 27 EU countries and the UK. Still, already over-burdened healthcare systems struggle to provide necessary services for non-physical health priorities, leading to gaps in prevention and treatment, and underdiagnosis. Mental health inequities are strongly linked to gender and socioeconomic disparities. Furthermore, mental health disorders are uniquely linked with exposure to environmental crises such as climate change. Those with mental illness are two to three times more likely to die during heatwaves; and extreme weather events have been shown to lead to post-traumatic stress disorder among other serious mental health conditions. Suicide, anxiety, depression and acute stress have all been linked to extreme temperatures, and knowledge of climate change and fear of worsening climate conditions has been linked to stress and anxious feelings. Meanwhile, there is burgeoning evidence that green care (i.e., the provision of health and social services via contact with nature) can be used to promote mental health and wellbeing for the general population and particularly for underprivileged populations with greater risk for mental health disorders.

To this end, GreenME aims to identify ways in which effective nature-based therapies and a broader green care framework can be scaled-up to improve adult mental health and wellbeing equity in Europe while contributing to multiple socio-ecological co-benefits.

Evaluation Result: Financed (Score: 14.5/15); **Grant Agreement signed on May 2023**

Apr. 2021 - Sep. 2021

WYW LAB (Waste Yellow Water Lab)

SUSFOOD2 and FOSC Joint Call - Innovative solutions for resilient, climate-smart and sustainable food systems

- Role: Member of the writing team; **Group coordinator** from University of Florence

WYWLab aims to create a resilient and resource-efficient food system through the establishment of small-scale urineponics facilities for the reuse of urine to enhance food and nutrition security in urban and peri-urban areas in cooperative and innovative “open labs” spaces.

Evaluation Result: Not Financed

Oct. 2020 - Feb. 2021

eSMART: Empowering peri-urban Sustainable Management solutions through Art, Research and Technology

H2020, Call: *LC-GD-6-1-2020: Testing and demonstrating systemic innovations for sustainable food from farm to fork. Subtopic F: Shifting to sustainable healthy diets, sourced from land, inland water and sea, and accessible to all EU citizens, including the most deprived and vulnerable groups (IA)*

- Role: **Group coordinator** from University of Florence; WP6 - HUB “Green & Inclusive Infrastructure” **Group Leader**

The aim of eSMART is to develop and democratise a new generation of self-sustaining community-based local approach to (peri-)urban Vertical Farming (puVF). eSMART proposed innovation focuses on module-based Indoor Farming (IF) solutions tailored for different environments and socio-economic situations.

Evaluation Result: 12.5 - Not Financed

Consolidated Network

Thanks to the multi-disciplinary nature of my research, I had the chance to participate in numerous European projects and tenders. This has allowed me to develop a strong Network of contacts, including, but not limited to, Universities and research institutions in the field of sustainable urban planning and urban food production.



The Netherlands

Wageningen
University &
Research

Singapore

Singapore Institute of
Technology

Egypt

Faculty of
Engineering, Cairo
University

Italy

Università di Firenze
Alma Mater -
Università di Bologna

Spain

UAB - Universidad
Autonoma de
Barcelona

The UK

University of Kent
UCL - University
College London

Sweden

IVL - Swedish
Environmental
Research Institute

Germany

ILS - Institut für Landes- und
Stadtentwicklungsforschung

Morocco

Euromed University of Fez

Grants & Awards

May 2022

11° Premio Nazionale GiovedìScienza_Torino, Italy.
Collegio Carlo Alberto

- Shortlisted within the 10 Finalists in all disciplines (<https://www.giovediscienza.it/it/premio-finalisti>)
- 4th classified

Nov. 2020

Premio "La Ricerca in 3 Minuti" in the Framework of the European Researchers' Night_ Florence, Italy
Online (due to Covid-19 restrictions)

- Shortlisted within the 14 Finalists in all disciplines
- 3rd classified (<https://www.unifi.it/art-5049-la-ricerca-in-tre-minuti-i-vincitori-del-concorso.html>)

Sep. 2018

EcoTech Green Award_ Padova, Italy
Padova Fiere

- 1st prize for the Projects and Research related to HighTech Green installations with the project "The Living Tower - A Vertical Farm in Amsterdam"

Dr. Michele D'Ostuni

List of publications 2018-2023

Shortlisted Publications

- **D'Ostuni, M.**, Stanghellini, C., Boedijn, A., Zaffi, L., Pennisi G., & Orsini, F. (2023). Evaluating the impacts of nutrients recovery from urine wastewater in Building-Integrated Agriculture. A test case study in Amsterdam. *Sustainable Cities and Society*, 104449.
DOI: <https://doi.org/10.1016/j.scs.2023.104449>
- **D'Ostuni, M.**, Zaffi, L., Appolloni, E., Orsini, F., (2022). Understanding the complexities of Building-Integrated Agriculture. Can food shape the future built environment? *Futures*, v. 144, 103061.
DOI: <https://doi.org/10.1016/j.futures.2022.103061>.
- Coppola E., Zaffi L., **D'Ostuni M.**, (2022). From Superillas to tactical greeneries. Experiments and transcalar strategies of vegetal regeneration of urban space. *AGATHÓN | International Journal of Architecture, Art and Design*, v. 11, n. online, p. 62-73.
DOI: 10.19229/2464-9309/1152022.
- Zaffi, L.; **D'Ostuni, M.** (2020). Metabolic cities of the future. Between Agriculture and Architecture. *AGATHÓN | International Journal of Architecture, Art and Design*, v. 8, n. online, p. 82-93, 27 Dec. 2020
DOI: 10.19229/2464-9309/882020
- Trombadore A., Paludi B., **D'Ostuni M.**, (2020). The energy of the green: green facades and vertical farm as dynamic envelope for resilient building. *Journal of Physics, Conference Series*, Volume 1343, Number 1 2020.
DOI: 10.1088/1742-6596/1343/1/012172

Complete list of Publications

- **D'Ostuni, M.**, Zauli, I. (2023), Urban Agriculture and the journey towards UrbanFarm Challenge. In Orsini, F., D'Ostuni, M., Zauli, I., Pennisi, G., Larsson, M., Pálsdóttir, A.M. (Eds.) *UrbanFarm 2023: Integrating social, economic and environmental sustainability pillars for sustainable food systems and urban regeneration*. Bologna: AMS Acta, p. 10-11.
- Orsini, F., **D'Ostuni, M.**, Zauli, I., Pennisi, G., Larsson, M., Pálsdóttir, A.M. (2023), *UrbanFarm 2023: Integrating social, economic and environmental sustainability pillars for sustainable food systems and urban regeneration*. Bologna: AMS Acta, p. 46. In: *UrbanFarm (9)*. A cura di: Orsini, Francesco. ISSN 2612-7660
ISBN 9788854971134
DOI 10.6092/unibo/amsacta/7307.
- **D'Ostuni, M.**, Orsini, F. (2023). Coltivare in città: agricoltura urbana e sviluppo della pianificazione territoriale. In Orsini, F., Gianquinto G., Pennisi F. (Eds.) *Agricoltura Urbana* (pp. 135-151). Edagricole, Bologna 2023.
ISBN: 978-88-506-5627-1
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DOI: <https://doi.org/10.1016/j.scs.2023.104449>
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